MICHIGAN HEALTH INFORMATION TECHNOLOGY COMMISSION

May 21, 2015

The Michigan Health IT Commission is an advisory Commission to the Michigan Department of Health and Human Services and is subject to the Michigan open meetings act, 1976 PA 267, MCL 15.261 to 15.275

Welcome & Introductions

- Commissioner Updates

M DHHS
Michigan Department of Health & Human Services
RICK SNYDER, GOVERNOR | NICK LYON, DIRECTOR

HIT/HIE March 2015 Updates

- Dashboard

- MDHHS Project Updates

- Michigan Health Cybersecurity Council MiHCC

- Public Comment

MDHHS
Michigan Department of Health & Human Services
RICK SNYDER, GOVERNOR | NICK LYON, DIRECTOR

2015 Goals – May HIT Commission Update

Governance Development and Execution of Relevant Agreements

- Newest Qualified Data Sharing Organizations (QDSOA):
  - **Fidelis, Macomb Community Mental Health Authority (PIHP)**

- Five of ten regions' PIHPs are now Payer QOs – three more reviewing QDSOA

- Application received for new HIE-QO

- New "Simple Data Sharing Organization Agreement" developed

- Payer QO Day Friday, May 15 at MiHIN – 30 confirmed participants

Technology and Implementation Road Map Goals

- Ten participants in Care Plan/Integrated Care Bridge Record (ICBR) Use Case began sharing data May 1 as Phase 1 (four PIHPs, six commercial payers)
  - Phase 2 begins October 1 with more participants
- Discharge Medication Reconciliation pilot initiated with several hospitals
- Newborn Screening Pulse Oximetry pilots continue making progress
- Single Sign-On pilot expanding rapidly
- Admission-Discharge-Transfer progress:
  - Numerous health systems completed conformance report reviews
  - HIE-QO requested changes went into production
  - National Provider Identity (NPI) numbers included in outbound ADT message
- HHS announced $1 million in new grant programs to help improve sharing of health information. Projects to help long-term and behavioral health care providers
  - Deadline for the submission of applications is 11:59 p.m. EDT June 16, 2015

2015 Goals – May Update

QO & VQO Data Sharing

- MiHIN celebrated its third year in full production!
- More than **272 million+** messages received since production started May 8, 2012
  - Have processed as many as **8 MLN+** total messages/week
  - Averaging **7 MLN+** messages/week
  - **6 MLN+** ADT messages/week; **1.5 MLN+** public health messages/week
- Total 349 ADT senders, 32 receivers to date
  - Estimated **90%** of admissions statewide now being sent through MiHIN
- New patient match for ADTs **> 60%** match rate; sent **1.89 MLN+** ADTs out last week
  - Common Key Service will increase match rate **> 90%**
- More than **394,000** Reportable Lab messages received/sent to MDSS
- More than **41** million Syndromic Surveillance messages received/sent to MSSS

MiHIN Shared Services Utilization

- **Connecting Michigan for Health Weds-Fri June 3-5 Lansing Convention Center**
  - **Introductory remarks from Governor Snyder**
  - **Keynote: Major General Elder Granger, USA (ret.)**
  - **Presentations from SIM Round One recipients (lessons learned)**
  - **HIE and HIT leaders from Michigan and other leading states**
  - **Second day introductory remarks from Lt. Governor Calley**
  - **HIT Commission meeting: Noon-1pm Thursday June 4 – public forum**
  - **Keynote: Doug Dietzman, Great Lakes Health Connect**
  - **Loaded panels on Consumer Engagement and other topics**
  - **Don't miss MiHIN's workshop on FHIR, Argonaut, and Open APIs featuring Dr. John Halamka of Harvard Beth Israel, Micky Tripathi of MA, and other thought leaders from around the U.S.**
- **Registration still open:**
  https://www.regonline.com/builder/site/?eventid=1633516

Weekly Message Volumes
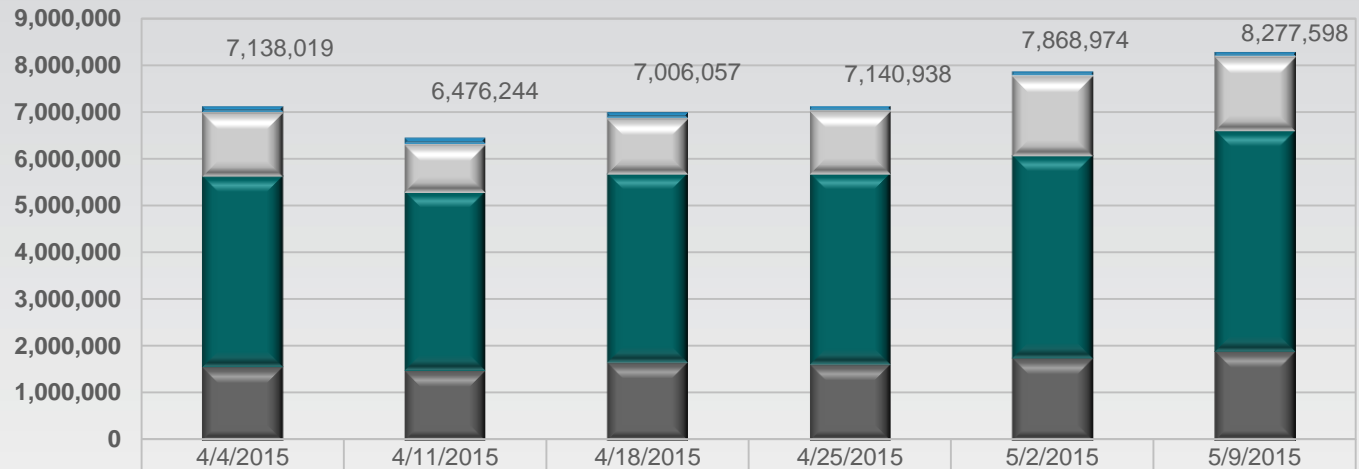
	4/4/2015	4/11/2015	4/18/2015	4/25/2015	5/2/2015	5/9/2015
Submit Immunizations	126,419	131,998	116,941	88,914	76,072	80,966
Submit Reportable Labs	12,099	11,729	12,108	12,297	12,685	12,119
Submit Syndromic Surveillance Data	1,356,937	1,023,846	1,175,546	1,338,407	1,694,751	1,572,997
Submit ADT Notifications	4,079,062	3,817,124	4,039,496	4,080,152	4,338,028	4,721,486
Receive ADT Notifications	1,563,502	1,491,547	1,661,966	1,621,168	1,747,438	1,890,030
Total Messages	7,138,019	6,476,244	7,006,057	7,140,938	7,868,974	8,277,598

Cumulative Message Volumes
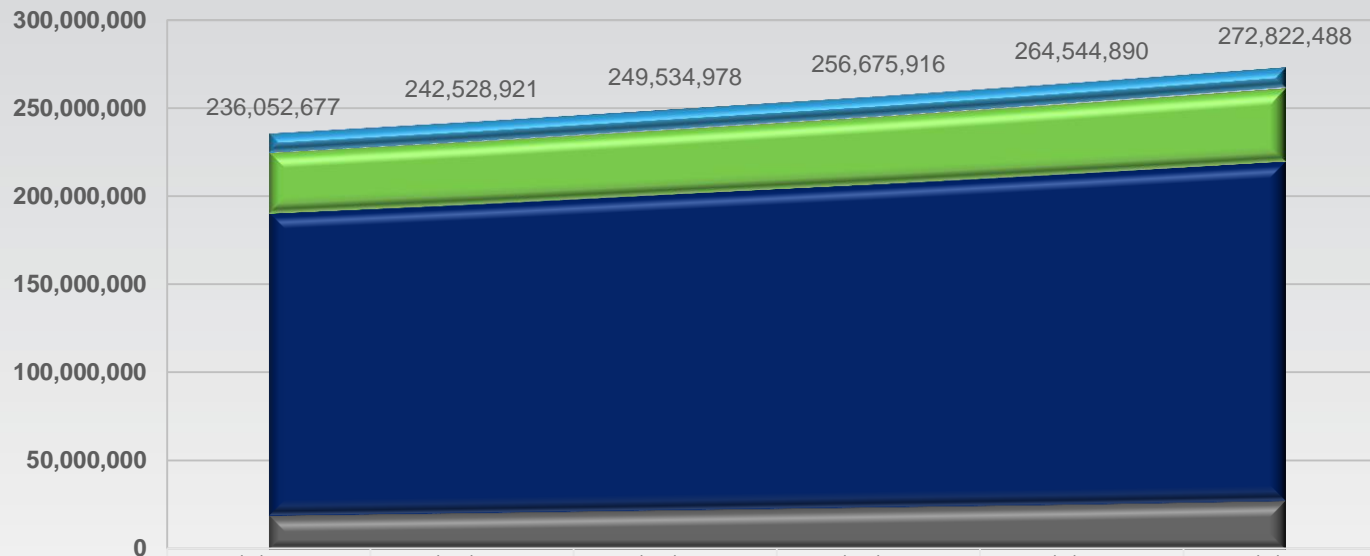
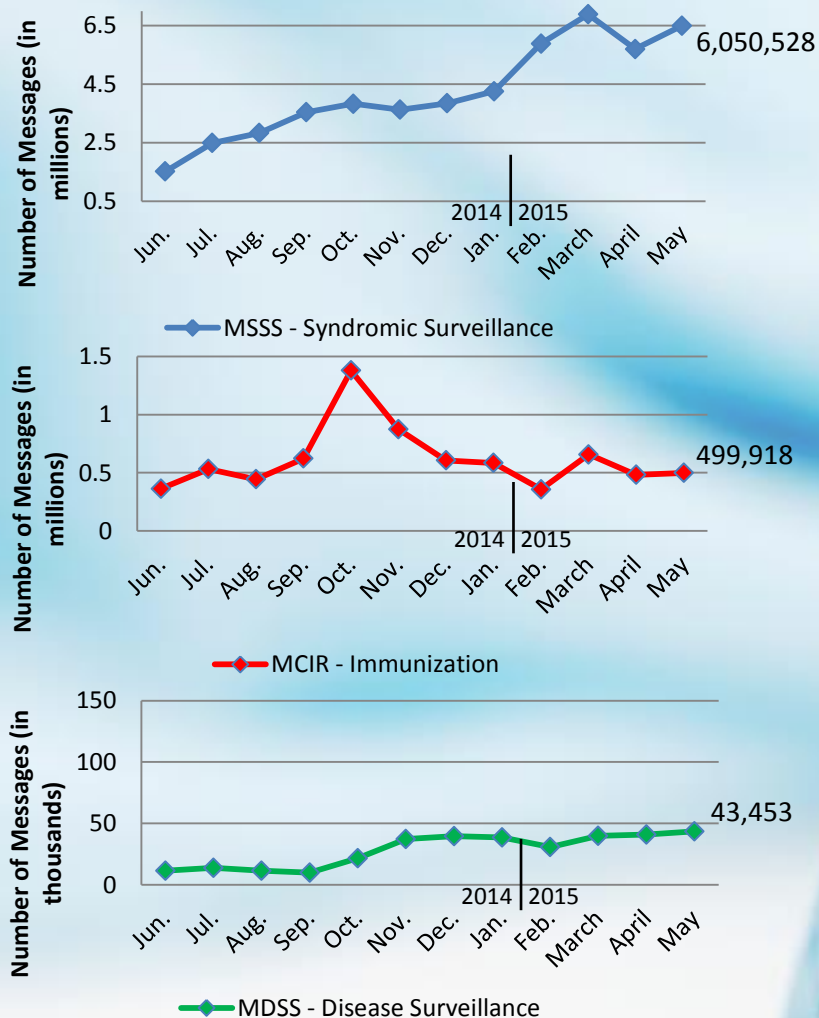|	4/4/2015	4/11/2015	4/18/2015	4/25/2015	5/2/2015	5/9/2015
Submit Immunizations	10,785,063	10,917,061	11,034,002	11,122,916	11,198,988	11,279,954
Submit Reportable Labs	333,140	344,869	356,977	369,274	381,959	394,078
Submit Syndromic Surveillance Data	34,552,314	35,576,160	36,751,706	38,090,113	39,784,864	41,357,861
Submit ADT Notifications	171,419,846	175,236,970	179,276,466	183,356,618	187,694,646	192,416,132
Receive ADT Notifications	18,962,314	20,453,861	22,115,827	23,736,995	25,484,433	27,374,463
Total Messages	236,052,677	242,528,921	249,534,978	256,675,916	264,544,890	272,822,488

MONTHLY MESSAGE COUNT

Legend:
- Syndromic Surveillance (SS)
- Clinical Quality Measures (CQM)
- Reportable Labs (ELR)
- Immunizations (VXU)

Y-axis: 7,000,000 / 6,000,000 / 5,000,000 / 4,000,000 / 3,000,000 / 2,000,000 / 1,000,000 / -

X-axis: MAY-12, JUL-12, SEP-12, NOV-12, JAN-13, MAR-13, MAY-13, JUL-13, SEP-13, NOV-13, JAN-14, MAR-14, MAY-14, JUL-14, SEP-14, NOV-14, JAN-15, MAR-15
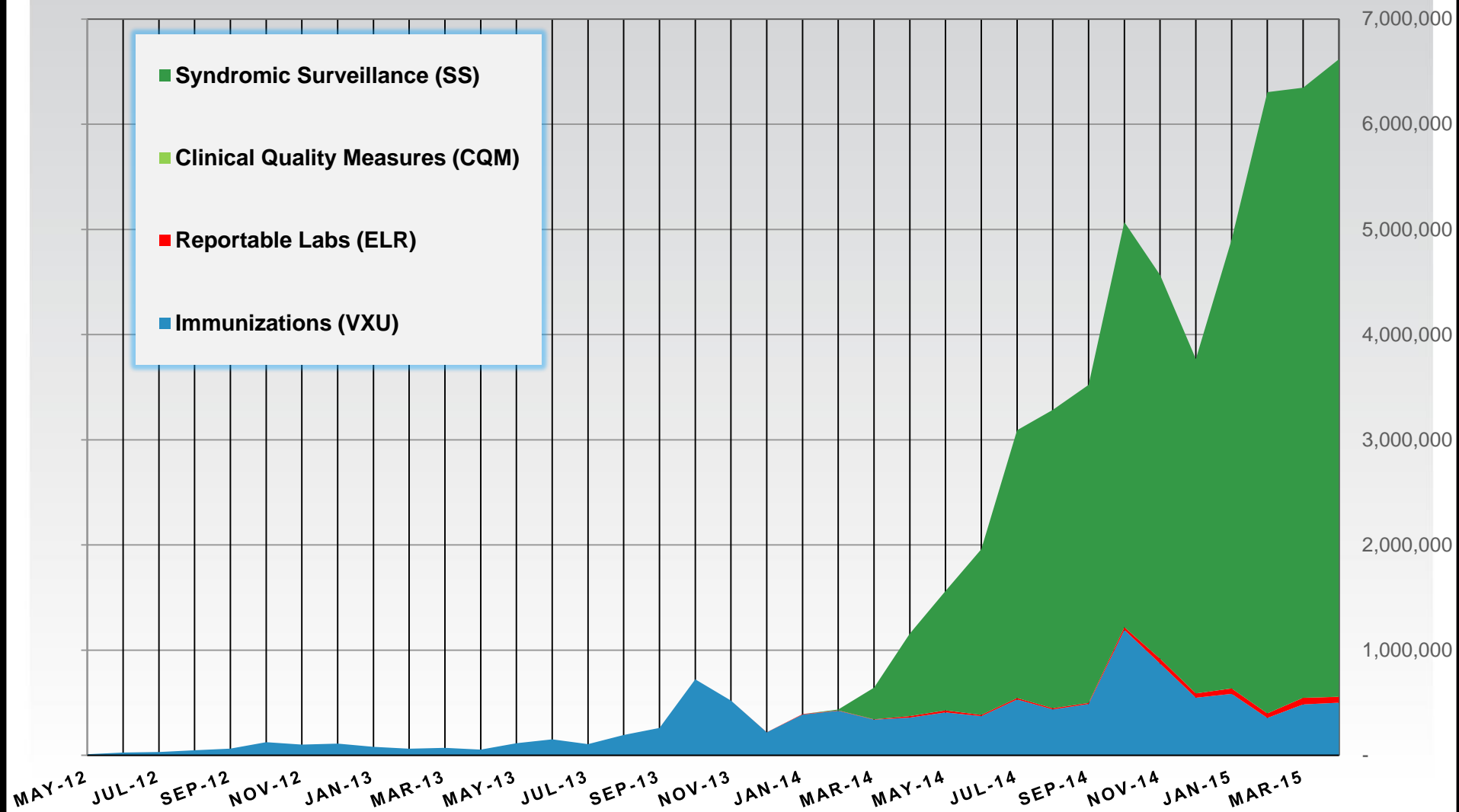
MiHIN
Shared Services

Transmission Production Numbers

MSSS - Syndromic Surveillance — 6,050,528

MCIR - Immunization — 499,918

MDSS - Disease Surveillance — 43,453

Future Transmission Types

- Newborn Screening CCHD
- Cancer Case Reports
- Birth Defect Reports
- MCIR Query

Project Updates

Security – MILogin for Workers Goes Live

Last October, the Citizen facing portion of the MILogin system went live with the introduction of the myHealthButton/myHealthPortal system for Medicaid Beneficiaries. In March 2015, the infrastructure was completed for the Worker side of the system. The first MDHHS Medicaid system for workers - the Third Party Liability system known as TED - was successfully migrated on April 24, 2015 to the MILogin platform.

MILogin capabilities can now be leveraged as the TED team works to expand the use of their system to the State of Minnesota -- planned for this fall. MILogin is already configured for use by the State of Illinois as they begin accessing their portion of the MDHHS Community Health Automated Medicaid Processing System (CHAMPS).

Infrastructure – Provider Index

In 2014, the Provider Index (PI) was initiated with the integration of individual Medicaid providers. In 2015, the project team began working to expand the PI model to include Facilities, Organizations, and Agencies (FOAs). The model will be loaded with FOA data from the MDHHS CHAMPS Provider Enrollment system. In addition to expanding the index beyond individual providers, the loading of FOAs into the Provider Index will allow the project team to enable the system relationship functionality by linking providers to their work locations.

Funding – HIT APD Update

In April, CMS approved Michigan's 2015 Health Information Technology Advanced Planning Document (HIT APD). This document lays out project plans and funding needs for Medicaid HIE activities. For the past two months MDHHS, and its strategic business partners, have worked diligently to review strategic plans and identify new projects for inclusion in the 2016 HIT APD.

Participation Year (PY) Goals
May 2015 Dashboard

	Reporting Status	Prior # of Incentives Paid (March)	Current # of Incentives Paid (April)	PY Goal Number of Incentive Payments	PY Medicaid Incentive Funding Expended
Eligible Provider (EPs)	AIU 2013	1323	1323	1,003	$27,681,687
	AIU 2014	515	649	1,000	$14,088,759
	MU 2013	1204	1205	1,043	$10,115,015
	MU 2014	682	831	1,444	$6,808,508
Eligible Hospital (EHs)	AIU 2013	16	16	15	$6,864,231
	AIU 2014	1	2	17	$3,036,526
	MU 2013	79	80	70	$28,167,511
	MU 2014	57	61	44	$12,868,315

Cumulative Incentives for EHR Incentive Program 2011 to Present

	Total Number of EPs & EHs Paid	Total Federal Medicaid Incentive Funding Expended
AIU	4,622	$176,375,132
MU	2,738	$94,627,013

Key: AIU= Adopt, Implement or Upgrade   MU= Meaningful Use

2015 Goals – May Update

M-CEITA | MICHIGAN CENTER FOR EFFECTIVE IT ADOPTION
Your trusted health IT advisors

Federally Funded REC
Supporting adoption and achievement of Stage 1 Meaningful Use with a minimum of 3,724 priority providers across Michigan's primary care community.

- ***3,724(+) Milestone 1:*** Recruitment of Eligible Priority Primary Care Providers (PPCPs); 100% to goal
- ***3,724(+) Milestone 2:*** EHR Go-Live with PPCPs; 100% to goal
- ***3,724(+) Milestone 3:*** Stage 1 Meaningful Use Attestation with PPCPs; 100% to goal

MDCH Medicaid Program (90/10)
Supporting providers in Michigan with high volumes of Medicaid patients in attaining Meaningful Use.

- ***568- Specialist Sign-Ups:*** Recruitment of Medicaid eligible specialists (Non-Primary Care)
  - 278- AIUs | 8- 90day MU attestation | *Specialist Sign-Up breakdown: Dentistry 46%, Behavioral Health 44%, Optometry 5%, Other 5%*
- ***526- Stage1Year1(or2) Sign-ups***: Recruitment of MEPs in Stage 1 of Meaningful Use
  - 187- AIUs | 106- MU attestations
- ***113- Stage2Year1 Sign-ups***: Recruitment of MEPs in Stage 2 of Meaningful Use
  - 7- 90day MU Attestation

M-CEITA Provider Metrics
Client data provides insight into EHR adoption and Meaningful Use landscape across Michigan Providers.

- 38% of providers signed up with M-CEITA have received incentives for Stage 1 Year 1 Meaningful Use in the Medicare EHR Incentive Program.
- M-CEITA Implementation Specialists have begun work with early EHR adopters in an effort to help these providers achieve Stage 2 Year 2 of Meaningful Use in 2015.
- In 2014, M-CEITA provided its Security Risk Assessment service to over 170 Michigan practice locations ensuring compliance with MU Core 13.

Million Hearts Initiative
Expanding our focus to assist providers with future stages of MU, other quality process improvement and public health priorities with an emphasis on EHR-enabled improvements.

- M-CEITA is tracking client practices that have committed to reporting on the Million Hearts related CQMs through a proprietary tool called the eMUGA
- M-CEITA is partnering with MDCH HDSP/DPCP on the CDC 1305 and 1422 grants, creating a statewide educational series, self-directed tools and providing Technical Assistance to selected communities, teaching healthcare teams how to leverage Health IT to improve hypertensive and diabetic patient outcomes.
- M-CEITA is participating in the National ASTHO Million Hearts Learning Collaborative, partnering with MDCH to improve hypertension rates in selected clinics in the Muskegon area.
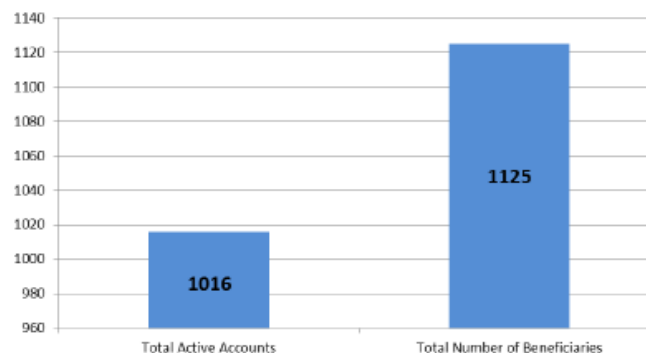
myHealthButton/myHealthPortal Dashboard

MILogin Activity
Number of Application Requests

Month	Requests
Jan	43
Feb	58
Mar	1216
Apr	1711
13-May	1766
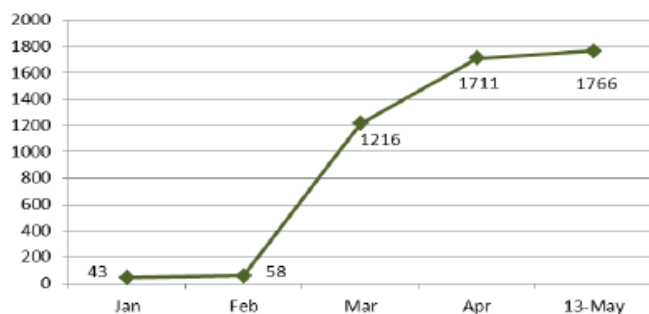
myHP/myHB Activity as of 05/12/2015

Total Active Accounts	1016
Total Number of Beneficiaries	1125

Updates:

www.michigan.gov/myHealthPortal is LIVE!

5.4 Release (June 2015)

◊ Multilingual functionality (Addition of Spanish)

◊ Print mihealth card

◊ Find a Doctor based on a Health Plan

◊ Find a Doctor functionality introduced to the Landing page

6.0 Release (September 2015)

◊ Upload MIWay Consumer Advanced Directives for the Peace of Mind Directory

◊ View claim/encounter data

◊ Provide authorizations for the release of protected health information (PHI)

◊ Upload clinical documents (Continuity Care Documents)

◊ MDCH-generated online alerts, notifications and surveys

May 2015
Consumer Engagement Dashboard

Stakeholder Collaboration

Consumer Engagement Interest Call
April Call Summary:
- MiHIN presented on Remote Identity Proofing Service Issuing Trusted Identities & highlighted HIMSS conference key takeaways

- Michigan Primary Care Association introduced a tool for newly eligible Medicaid beneficiaries, MiCoverage.org

- Greater Detroit Area Health Council developed online tools that connect vulnerable populations with needed services, Find MI Care

Next Call
Tuesday, June 16th
2:00pm – 3:30pm

Stakeholder Collaboration continued

MiHIN's Annual Conference
MPHI is facilitating a Consumer Engagement panel with NoMoreClipBoard, GetRealHealth, WiserTogether, and Vheda Health at MiHIN's annual conference in June.

The panelists will discuss how they are using technology to encourage consumer engagement by aligning their actions and services with consumers rather than for them. The session will end with a focus on how to apply these lessons to help improve Michigan's current healthcare landscape.

Healthcare Still Starts with the Patient: A Different Model for Personal Health Records
Thursday, June 4th
11:35am – 12:30pm

Outreach & Education

Provider Outreach & Education
MPHI is working with the EHR Incentive Program Outreach Coordinator to provide Program participants with tools and resources that engage providers in health IT and help them engage their patients. Currently, enhancing the MichiganHealthIT.org website to add Consumer Engagement materials.

www.MiEngagement.org

MPHI
Working with You To Promote Health

Michigan Department of Health & Human Services
Tim Becker, Chief Deputy Director MDHHS

Health and Human Services Assessment of Business and Technology

Executive Kickoff

Assessment Goal

Determine optimal approach to "Align Business and Technology"

- Better Provide Services to Michigan Citizens

- Create a "Citizen Focused" Service Delivery Organization

- Leverage Operational Alignment

Assessment Approach

Plan

- Establish the project and the governance structure
- Define information to collect
- Assemble the team

Collect

- Meet with staff throughout all departments and levels
- Collect information

Recommend

- Analyze the data
- Present the findings

Assessment Team

Assessment Governance Team
Karen Parker – SoM
Kurt Warner - SoM
Linda Pung – SoM
John Dullock – CSS

HHS Assessment Lead
Patrick Maltby

Assessment Coordinator
Tami Rozovics

DHS Business Owner Teresa Spalding

DHS Assessment Lead Wilbur Mahoney

DHS / DTMB Technical Owner Nathan Buckwalter

DCH Business Owner Meghan Vanderstelt

DCH Assessment Lead Jack Keck

DCH / DTMB Technical Owner Susan Nordyke

Business Analyst / Facilitation

Business Analyst / Facilitation

Business Analyst / Facilitation

Business Analyst / Facilitation

SoM Participants

SoM Participants

Assessment Timeline

- Initiate mid-March 2015

3/15 - 6/15
Phase 1 – Capture Current AS-IS Environment (90 day Plan)

6/16 - 7/15
Phase 2 – Create Recommendation (120 day Plan)

Mar 2015

April   May   June   July
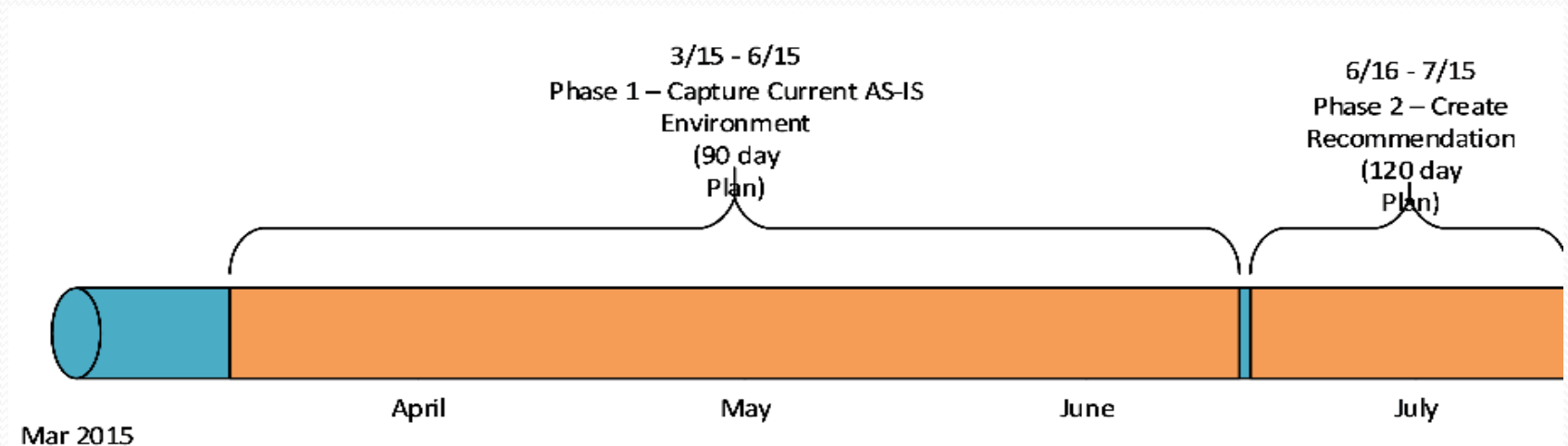
- Create Implementation Plan
- Collect Information
- Recommend Alignment of Business and Technology

State of Michigan
Enterprise
Information
Management

HIT Commission Meeting

May 21, 2015

Executive Directive (2013-1)

"To continue the process of reinventing state government, we must improve upon the sharing and management of data across all executive branch agencies. Data and information are valued assets that require effective and secure management. It is my goal to establish an environment where improved sharing and management of data will enhance services to citizens."
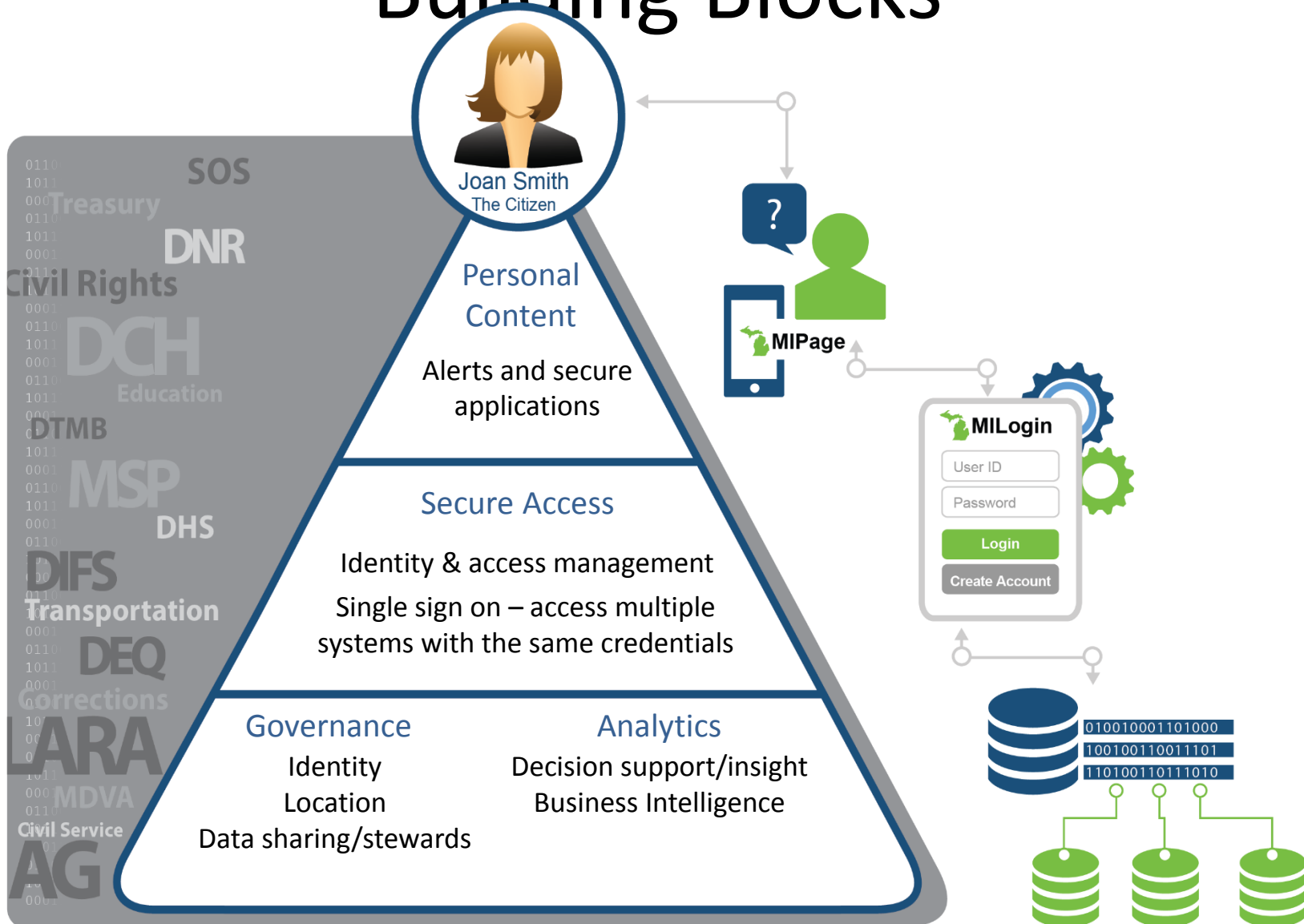
- Governor Rick Snyder

Information Management

Mission Statement Jeopardy:

"...to organize the world's information and make it universally accessible useful."

Information Management

Who is…?

Executive Directive (2013-1)

"To continue the process of reinventing state government, we must improve upon the **sharing and management of data** across all executive branch agencies. Data and information are valued assets that require effective and **secure** management. It is my goal to establish an environment where improved sharing and management of data will **enhance services to citizens**."

- Governor Rick Snyder

EIM: Key Pillars

Enhance Customer Service Delivery

Security and Privacy

Decision Support & Process Improvement

Performance Management

Service/Pro Optimization

Good Government

Employee ngagement

Change Management
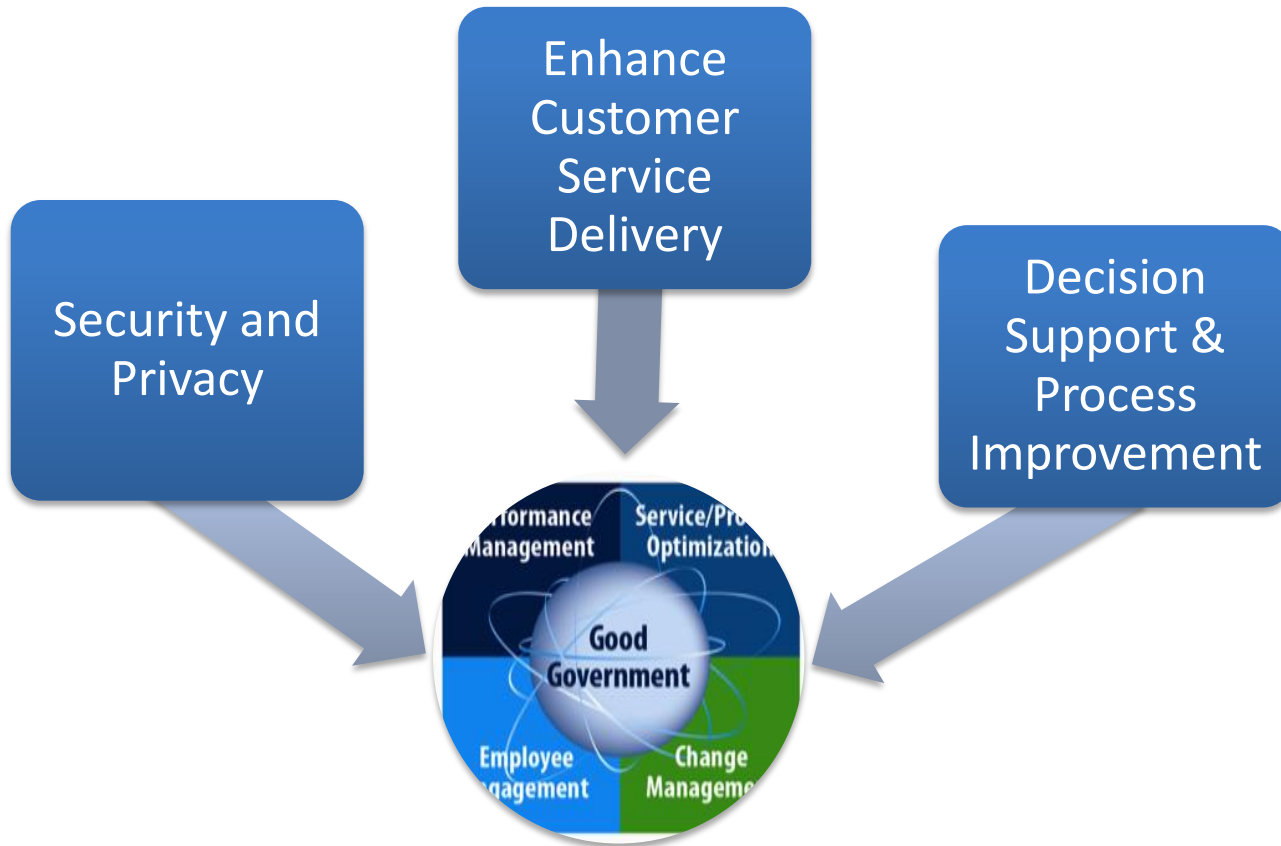
EIM: Related Initiatives
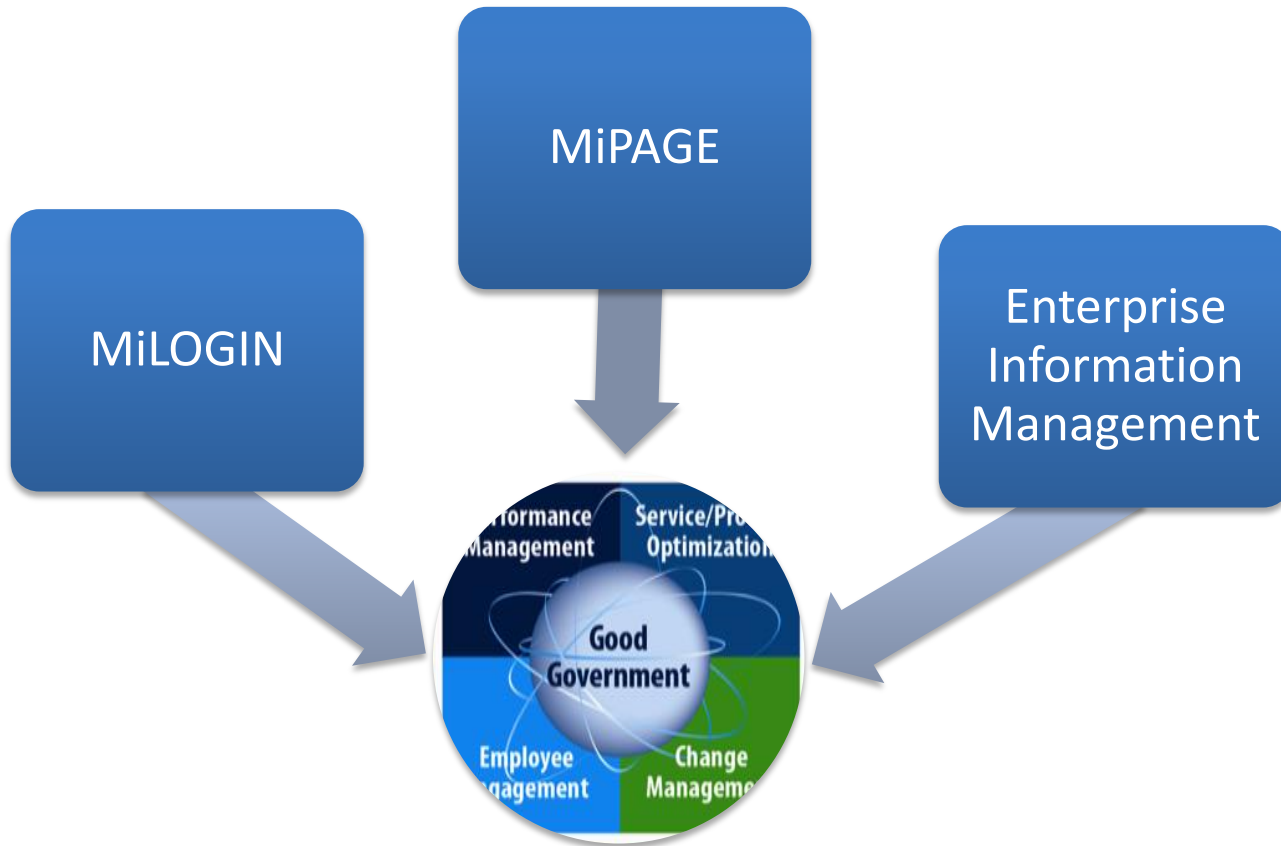
Building Blocks

EIM: Early Stages

Data Profiles

Data Share Agreements

EIM

Organizational Processes

Analytics & Technology

EIM: Share Agreement (low-tech)

SOM DSA #: _____
Disclosing Agency id #: _____
Receiving Agency id #: _____
Review cycle: _____
1st review date: _____
2nd review date: _____

DATA SHARING AGREEMENT
BETWEEN
[DISCLOSING AGENCY]
AND
[RECEIVING AGENCY]
FOR
[PURPOSE]

1. Introduction

This Data Sharing Agreement (DSA) is between the Michigan Department of Choose an item. (Disclosing Agency) and the Michigan Department of Choose an item. (Receiving Agency). Disclosing Agency and Receiving Agency are collectively referred to as the parties.

The Disclosing Agency is the party that is disclosing data under this DSA. The Receiving Agency is the party that is collecting or receiving data from the Disclosing Agency under this DSA.

This DSA establishes the conditions under which Disclosing Agency agrees to disclose Choose an item. data to the Receiving Agency (the data) and it provides for the protection of that data. It also identifies the responsibilities of each party and establishes terms governing the use, disclosure, and disposition of the data.

2. Purpose

The data will be used by the Receiving Agency only as is [if Treasury is sharing the data, insert here: "necessary for the administration or enforcement of Michigan law and such use is"] expressly agreed upon by the parties under this DSA. Access to the data by any party or for any purpose not identified in this DSA is strictly forbidden. Data provided by the Disclosing Agency remains the property of Disclosing Agency.
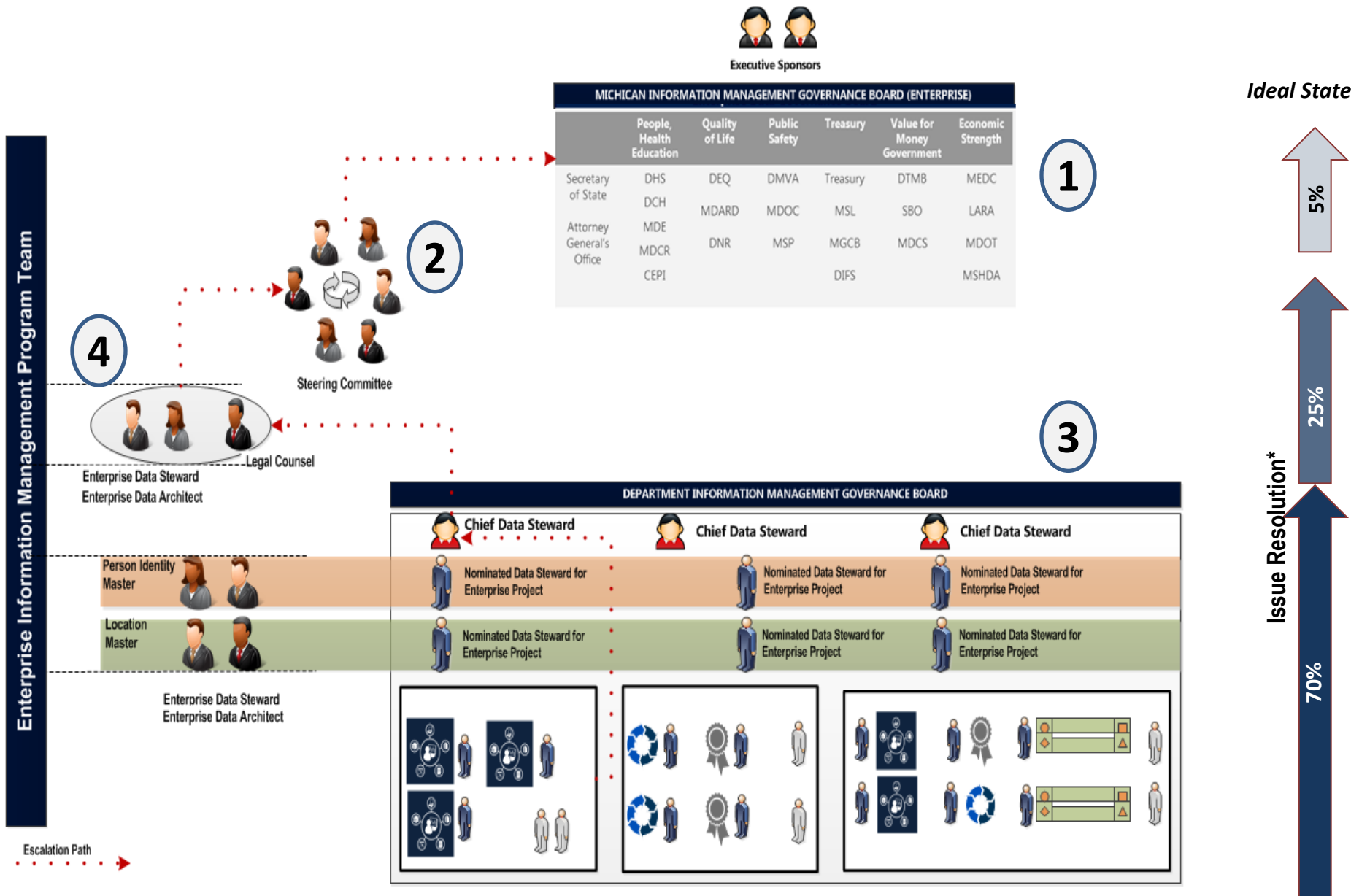
Receiving Agency will use the data [to do what/for what purpose; explain in detail how the data will be used].

1

EIM: Organizational Processes & Data Governance Principles

A. **Data must be governed so as to abide by all applicable laws, including statutes and regulations.**

B. **Data is a State asset.**

C. **Data must be managed by a data governance organization.**

D. **Data must have clearly defined accountability.**

E. **Data quality must be ensured through continuous monitoring and improvement.**

F. **The data governance organization must define metrics and key performance indicators (KPIs) to measure efficiency and determine return on investment (ROI) and operational effectiveness.**

State of Michigan Enterprise Information Management Organization Model

Also referred to as the 'data governance organizatio

Executive Sponsors

Ideal State

(1)

MICHIGAN INFORMATION MANAGEMENT GOVERNANCE BOARD (ENTERPRISE)						
	People, Health Education	Quality of Life	Public Safety	Treasury	Value for Money Government	Economic Strength
Secretary of State	DHS	DEQ	DMVA	Treasury	DTMB	MEDC
	DCH	MDARD	MDOC	MSL	SBO	LARA
Attorney General's Office	MDE					
	MDCR	DNR	MSP	MGCB	MDCS	MDOT
	CEPI			DIFS		MSHDA

(2)

Steering Committee

5%

(4)

Legal Counsel

Enterprise Data Steward
Enterprise Data Architect

(3)

25%

Issue Resolution*

DEPARTMENT INFORMATION MANAGEMENT GOVERNANCE BOARD		
Chief Data Steward	Chief Data Steward	Chief Data Steward
Nominated Data Steward for Enterprise Project	Nominated Data Steward for Enterprise Project	Nominated Data Steward for Enterprise Project
Nominated Data Steward for Enterprise Project	Nominated Data Steward for Enterprise Project	Nominated Data Steward for Enterprise Project

Person Identity Master

Location Master

Enterprise Data Steward
Enterprise Data Architect

Enterprise Information Management Program Team

70%

Escalation Path

Escalation Procedure is derived from DAMA recommendations
for issue resolution

EIM: Analytics Use Cases

EIM: Reinforcing Cycle

EIM: "Use Case" Approach

- **Governance**
  - Operational efficiency & Improved service delivery
- **Analytics**
  - Decision Support, Insights & Accountability
- **Open Data**
  - Transparency & Citizen Engagement

EIM: Governance Use Cases

- Enterprise Data Share Agreement

- Data Classification

- Organizational Principles, Standardized Roles & Responsibilities

- Business Glossary

- Master Data Management
  - Location/Address
  - Identity

EIM: Draft Analytics Use Cases

- MDE/CEPI: 3rd Grade Reading & Neighborhood Health
- UIA/WDA: WDA program participation and UI benefits
- Treasury: Distressed Community Predictors
- MDOT: Crumbling Infrastructure
- MSP: Drug-abuse crimes
- MDOS: Marketing segmentation for online users
- DNR: Marketing segmentation recreational license buyers
- DHHS: Chronic Absenteeism, Population Health Factors
- Enterprise Fraud Detection Project

EIM: Open Data

- Portals
  - Open Michigan: Dashboards & Scorecards
  - Financial Transparency & Accountability
  - GIS Portal
  - Open Data Files
- MiPage
  - Application Development Within State Gov't
  - External App Development & Partnerships

EIM: Going Forward

Seven Work Streams:

1) Organizational Process Implementation

2) Data Share Agreement Automation

3) Business Glossary

4) Master Data Management – Location/Address

5) Master Data Management – Identity

6) Enterprise Architecture & Tools Eval

7) Data Analytics Strategy

EIM: Discussion

- External Partnerships

- Fed, State and Local

- Other?

EIM: Questions & Contact Info

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DTMB Enterprise Portfolio Management Office (EPMO)

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HITC Next Steps

- June 2015 Meeting Agenda at Connecting Michigan Conference
- Third Quarter Availability

Public Comment

Adjourn